
Product datasheet

L 36 W/840

LUMILUX T8 | Tubular fluorescent lamps 26 mm, with G13 bases



- Public buildings Office lighting Industry Shops
Supermarkets and department stores Street lighting
Outdoor applications only in suitable luminaires

- Proven lamp technology Good economy thanks to high efficiency Available in many different light colors (2,700...8,000 K)
for various applications



Product datasheet

Technical data

Electrical data

Nominal voltage	81 V
Nominal wattage	36.00 W
Rated lamp efficacy (HF data 25 °C)	Under clarification by authority and standardization body
Rated wattage	36.00 W

Photometrical data

Rated lamp efficacy (standard condition)	93 lm/W
Color rendering index Ra	≥80
Rated luminous flux	3350 lm
Luminous flux at	3350 lm
Light color	840
Rated color temperature	4000 K
Nominal luminous flux	3350 lm
Light color (designation)	LUMILUX Cool White
Rated LLMF at 2,000 h	0.96
Rated LLMF at 4,000 h	0.94
Rated LLMF at 6,000 h	0.93
Rated LLMF at 8,000 h	0.91
Rated LLMF at 12,000 h	0.91
Rated LLMF at 16,000 h	0.90
Rated LLMF at 20,000 h	0.89
Color temperature	4000 K
Luminous flux	3350 lm

Dimensions & weight



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Tube diameter	26 mm
Length	1200 mm
Length with base excl. base pins/connection	1200.00 mm
Diameter	26.0 mm
Product weight	149.00 g
Outer bulb	T26
Maximum diameter	26.0 mm

Temperatures & operating conditions

Rated ambient temp.w.max.luminous flux	25.0 °C
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Lifespan

Service life	18000 h ¹⁾
Lifespan	20000 h ¹⁾
Rated lamp survival factor at 2,000 h	0.99
Rated lamp survival factor at 4,000 h	0.99
Rated lamp survival factor at 6,000 h	0.99
Rated lamp survival factor at 8,000 h	0.99
Rated lamp survival factor at 12,000 h	0.99
Rated lamp survival factor at 16,000 h	0.90
Rated lamp survival factor at 20,000 h	0.50
Operation mode LLMF/LSF	HF
Rated lamp life time	20000 h

¹⁾ With preheat ECG

Additional product data

Base (standard designation)	G13
Mercury content	2.5 mg
Product remark	Lamp not intended for general lighting; suitable for applications such as illumination of public transport
Appropriate disposal acc. to WEEE	Yes

Capabilities

Dimmable	Yes
Suitable for indoor	Yes

Certificates & standards

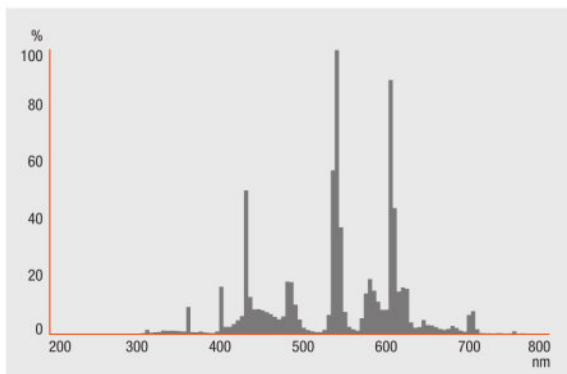
Energy efficiency class	A+
Energy consumption	43 kWh/1000h

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Country specific categorizations

Order reference	L 36W/840
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Light Distribution



FL_840

System guarantee

OSRAM System+ Guarantee in combination with OSRAM ECGs

DUO CIRCUIT

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Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300517872	L 36 W/840	Shipping carton box 25 Pieces Sleeves	142 mm x 145 mm x 1242 mm	25.57 dm ³	4762.00 g
4050300518091	L 36 W/840	Shipping carton box 25 Pieces Sleeves	842 mm x 324 mm x 145 mm	39.56 dm ³	4312.20 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

References / Links

For more information on the system guarantee and the terms and conditions of the guarantee visit

- ▶ www.osram.com/system-guarantee

For more information on QUICKTRONIC electronic control gear go to

- ▶ www.osram.com/QUICKTRONIC

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OSRAM

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L 36 W/840

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Product name	Product name ECG	EAN	Nominal current	Nominal wattage + Power loss	Power factor λ [PIM]	Luminous flux at 35 °C
L 36 W/840	QT-FIT 5/8 1x18-39	4008321873927	0.16 A	37.00 W	0.98	3200 lm
	QT-FIT 5/8 2x18-39	4008321873903	0.31 A	70.00 W	0.98	3200 lm
	QT-FIT8 1x36	4008321294203	0.16 A	36.00 W	0.96	3200 lm
	QT-FIT8 2x36	4008321294265	0.32 A	71.00 W	0.98	3200 lm
	QT-FIT8 3x36	4008321512055	0.48 A	105.00 W	0.99	3500 lm
	QTi 1x14/24/21/39 GII	4008321383334	0.09 A	35.00 W	0.96	3350 lm
	QTi 2x14/24/21/39 GII	4008321383396	0.31 A	70.00 W	0.98	3200 lm
	QTi DALI 1x36 DIM	4050300870427	0.16 A	36.00 W	0.98	3350 lm
	QTi DALI 2x36 DIM	4050300870885	0.30 A	69.00 W	0.98	3350 lm
	QT-M 2x26-42/220-240 S	4008321110022	0.30 A	70.00 W	0.97	3200 lm
	QTP-DL 2x36-40	4008321117922	0.35 A	80.50 W	0.99	3400 lm
	QTP-M 1x26-42	4008321329134	0.16 A	35.00 W	0.97	3350 lm
	QTP-OPTIMAL 1x18-40	4008321873743	0.16 A	36.00 W	0.98	3200 lm
	QTP-OPTIMAL 2x18-40	4008321873767	0.30 A	71.00 W	0.98	3200 lm
	QTz8 1x36	4008321863287	0.16 A	36.00 W	0.96	3200 lm
	QTz8 2x36	4008321863324	0.32 A	71.00 W	0.98	3200 lm

Product datasheet

Product name	Product name ECG	EAN	Number of lighting outlets
L 36 W/840	QT-FIT 5/8 1x18-39	4008321873927	1
	QT-FIT 5/8 2x18-39	4008321873903	2
	QT-FIT8 1x36	4008321294203	1
	QT-FIT8 2x36	4008321294265	2
	QT-FIT8 3x36	4008321512055	3
	QTi 1x14/24/21/39 GII	4008321383334	1
	QTi 2x14/24/21/39 GII	4008321383396	2
	QTi DALI 1x36 DIM	4050300870427	1
	QTi DALI 2x36 DIM	4050300870885	2
	QT-M 2x26-42/220-240 S	4008321110022	2
	QTP-DL 2x36-40	4008321117922	2
	QTP-M 1x26-42	4008321329134	1
	QTP-OPTIMAL 1x18-40	4008321873743	1
	QTP-OPTIMAL 2x18-40	4008321873767	2
	QTz8 1x36	4008321863287	1
	QTz8 2x36	4008321863324	2